

<b>MERS-NS4b (3 <math>\mu</math>M) mediated degradation of 2'-5' linked penta-ribonucleotides substrates (10 <math>\mu</math>M) (% substrate degraded).</b>		
Substrate	NS4b WT	NS4b <sup>H182R</sup>
p5'(rA) <sub>5</sub>	>99	<1
p5'(rU) <sub>5</sub>	5	<1
p5'(rC) <sub>5</sub>	6	2
p5'(rG) <sub>5</sub>	<1	<1

**Table S3.** MERS-NS4b mediated degradation of 5'-phosphorylated 2'-5' or 3'-5' linked penta-ribonucleotide substrates. Ten  $\mu$ M of the indicated substrate was incubated with 3  $\mu$ M of wild type or mutant MERS-NS4b for 1 h at 30°C. Percent substrate degradation was calculated by measuring the area under the peaks in the HPLC chromatograms. Results were reproduced in two independent experiments.